



# The Urban Sanitary District of Mossley.

## HEALTH DEPARTMENT.

January 29th, 1906.

To the Chairman and Members of the Health Committee.

GENTLEMEN,

I have the honour of presenting you with my Tenth Annual Report.

The number of births registered during the year 1905 was 239—127 males and 112 females, being a decrease on the year 1904, which was 278. The number of deaths registered was 226—103 males and 123 females being an increase on 1904, which was 206.

The natural increase at the end of the year, being the excess of births above deaths, was 13, as compared with 72 in 1904, and 50 in 1903. There were 11 deaths from zymotic diseases, 7 less than in the previous year. The largest number of deaths from any one disease was 5 from Whooping-cough, and 3 from Scarlet Fever. This gives us a zymotic death-rate of .8 per 1000 population, and 48.2 per 1000 deaths, as compared with 1.3 and 87.3 in 1904.

The birth-rate for the year was 17.5 per 1000 population, and the number of illegitimate births registered was 7, as compared with 10 in 1904. The general death-rate was 16.6 per 1000 population, as compared with 15.1 in 1904. The number of infants who died under one year was 42, as compared with 39 in 1904, and 27 in 1903. The chief causes of death in these cases was pneumonia, wasting diseases, and convulsions.

With regard to the sanitary work done during the year, there were 54 cases of infectious diseases notified, viz.:—14 between 1 and 5 years, 24 between 5 and 15 years, 4 between 15 and 25 years, 11 between 25 and 65 years, and 1 above 65 years. There were 17 cases in Lancashire Ward, 19 in Cheshire Ward, and 18 in Yorkshire Ward. This is an increase of 4 on the previous year, when there were 50 cases, and only 41 in 1903. The largest number of cases of any one disease was 35 of Scarlet Fever, most of which occurred during the first four months of the year.

The Infectious Diseases (Notification) Act, 1899, has been in force since July 1st, 1899. The Infectious Diseases (Prevention) Act, and the Public Health Amendment Act, 1890, are also in force.

The following table gives the number of notified cases, and of deaths from the principal zymotic diseases:—

Diseases.	Notified Cases									Deaths.
	...	...	...	...	...	...	...	...	...	
Smallpox	...	...	...	...	1	...	...	...	...	0
Diphtheria	...	...	...	...	4	...	...	...	...	1
Erysipelas	...	...	...	...	7	...	...	...	...	1
Scarlet Fever	...	...	...	...	35	...	...	...	...	3
Enteric	„	...	...	...	6	...	...	...	...	0
Puerperal	„	...	...	...	1	...	...	...	...	1
Whooping Cough	...	...	...	...	0	...	...	...	...	5
Measles	...	...	...	...	0	...	...	...	...	0

I visited the houses in all cases where infectious disease was notified, disinfectants were supplied, printed instructions to prevent the spread of the disease left, and at the termination of the illness the houses were again visited by the Sanitary Inspector, the sick rooms disinfected, and in many cases the bedding, &c., was removed and disinfected in the Delphine Thresh Disinfector.



The farmhouse at May Hills is still being used as a Smallpox Hospital, and in it is accommodation for 8 patients. Only one case has been treated there during the year, and he was discharged cured in the middle of February.

We have been particularly free from Measles during the year.

There were 35 cases of Scarlet Fever during the year, but only 3 deaths, the greater number of cases being of a very mild type. These cases occurred during the first four months of the year, and were distributed all over the Borough.

There were 4 cases of diphtheria notified, and 1 death, compared with 5 cases and 1 death in 1904. These were all sporadic cases, and occurred in different parts of the town, and in January, April, October and November. Diphtheritic Anti-toxic Serum is supplied at the expense of the Corporation to all medical men attending these cases in the Borough.

There were 7 cases of Erysipelas notified, and 1 death. This was an old man over 65 years of age.

There were 6 cases of Enteric Fever notified and no deaths, as compared with 4 cases and 1 death in 1904. In all cases where defective drains were found, they were attended to immediately, and at every house earthenware pots with airtight lids were left, so that all excretions from the patients might be put into them and removed. These cases occurred in different parts of the district and of the year.

There were no cases of death from lead poisoning, but a number of cases of people suffering from lead poisoning came to my knowledge. Samples of water taken from the taps in houses of these patients was shown to contain lead. This matter I have reported to the Waterworks Committee, and they replied that the water was receiving daily treatment; but seeing that the water in the mains is still acid, and new cases of poisoning keep occurring, I have again reported to the Waterworks Committee, and pointed out that their treatment of the water is not yet sufficient.

I have inspected and notified any insanitary conditions in the district which have come to my knowledge, and where necessary, notice has been given for the removal of the nuisance.

I have attended the meetings of the Health Committee, and advised on matters concerning the public health.

Bakehouses, slaughter-houses, cowsheds, lodging-houses, and factories have been visited, and where necessary, cleansing and limewashing have been done. There is one underground bakehouse in use, and its condition is satisfactory to the Committee.

At the Sewage Works, the sewage is treated in septic tanks, and passed through filter beds.

The samples of food taken in the town by the inspectors for the County Council were all highly satisfactory and free from adulteration.

During the year, 5 shoulders of mutton, 1 leg, and 1 piece of beef were destroyed, being unfit for human consumption.

I consider the health of the district was very satisfactory, and especially so with regard to Smallpox, so many cases of which occurred in the surrounding towns.

I now give Tables of Mortality, Birth and Death-Rates, &c., as required by the Local Government Board.

I am, Gentlemen,

Yours faithfully,

JOHN HEALEY, M.B.,

*Medical Officer of Health.*



**Table I.**  
**VITAL STATISTICS OF WHOLE DISTRICT DURING 1905**  
**AND PREVIOUS YEARS.**

Year.	Pop'lation estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institut'ns in the District	Deaths of Residents registered in Public Institut'ns beyond the District	Nett Deaths at all Ages belonging to the District	
				Under 1 year of age		At all Ages				Number	*Rate
		Number	*Rate	Number	Rate per 1000 Births Registered	Number	*Rate				
1	2	3	4	5	6	7	8	9	11	12	13
1895	14463	286	19.8	58	202.7	271	18.7			271	18.7
1896	14596	352	24.2	54	153.4	219	15.0			219	15.0
1897	14648	343	23.8	39	113.7	189	12.9			189	12.9
1898	14785	370	25.0	56	151.3	255	17.2			255	17.2
1899	14878	329	22.1	56	170.2	242	16.2			242	16.2
1900	15009	336	22.3	44	130.9	228	15.2		1	229	15.2
1901	13452	317	23.5	33	113.1	260	19.3		2	262	19.3
1902	13498	279	20.6	30	107.5	182	13.4	1	18	200	14.8
1903	13570	255	18.8	27	105.9	187	13.8		18	205	15.1
1904	13633	278	20.4	39	140.2	178	13.0		28	206	15.1
Averages for years 1895-1904	14253.2	314.7	22	43.6	138.8	221.1	15.4	1	13.4	227.8	15.9
1905	13628	239	17.5	42	175.7	211	15.5		15	226	16.6

Institutions outside the District receiving sick and infirm persons from the District: Ashton-u-Lyne Union Hospital; Ashton-u-Lyne Infirmary; Royal Infirmary, the Northern, and St. Mary's Hospital, Manchester.

The Union Workhouse is outside the District.

\*Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Total population at all ages, 13,452. Number of inhabited houses, 3,040. Average number of persons per house, 4.4. At Census of 1901.

Area of District in acres (exclusive of area covered by water), 3,929.



Table II.  
VITAL STATISTICS OF SEPARATE LOCALITIES IN 1905  
AND PREVIOUS YEARS.



Table III.

## CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1905.

Notifiable Diseases.	Cases notified in whole District.						Total cases notified in each Locality		
	At all Ages	Years.					Lancashire Ward	Cheshire Ward	Yorkshire Ward
		1 to 5	5 to 15	15 to 25	25 to 65	65 and upw'ds			
Smallpox .....	1				1		1		
Diphtheria .....	4		2	2			1	1	2
Erysipelas .....	7				6	1	2	3	2
Scarlet Fever .....	35	13	21		1		10	12	13
Enteric ,,	6	1	1	2	2		3	2	1
Puerperal ,,	1				1			1	
Totals.....	54	14	24	4	11	1	17	19	18

Isolation Hospital, May Hills, for Smallpox only.



**Table IV.**  
**CAUSES OF, AND AGES AT, DEATH DURING 1905.**

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF RESIDENTS WHETHER OCCURRING IN OR BEYOND THE DISTRICT.								DEATHS AT ALL AGES OF RESIDENTS BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.		
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards	L.	C.	Y.	
	2	3	4	5	6	7	8	9	10	11	
Scarlet fever .....	3		1	2					1	2	
Whooping-cough.....	5	3	2					2	3		
Diphtheria and membranous croup.....	1			1						1	
Epidemic influenza...	2					2				2	
Diarrhoea.....	3	2	1					1	2		
Puerperal fever .....	1					1			1		
Erysipelas .....	1						1		1		
Other septic diseases	1					1			1		
Phthisis (Pulmonary Tuberculosis) . . .	22				3	18	1	11	8	3	
Other tubercular diseases .....	13	3	5	2	1	2		3	5	5	
Cancer, Malignant disease.....	7					5	2	3	2	2	
Bronchitis .....	17	2				9	6	5	9	3	
Pneumonia .....	27	11	2		3	9	2	7	12	8	
Pleurisy .....	1					1		1			
Other Diseases of Respiratory Organs	1					1				1	
Alcoholism } Cirrhosis of liver }	2					2		2			
Venereal diseases ...	1	1							1		
Premature birth .....	3	3						1	1	1	
Diseases & Accidents of parturition ...	1					1			1		
Heart diseases .....	23			1	1	16	5	8	8	7	
Accidents .....	3					3			2	1	
Suicides .....	3					2	1		2	1	
All other causes .....	85	17	2		3	30	33	27	30	27	
All causes .....	226	42	13	6	11	103	51	72	92	62	



**Table V.**  
**INFANTILE MORTALITY DURING THE YEAR 1905.**

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH	Under 1 Week.	1 to 2 Weeks.	2 to 3 Weeks.	3 to 4 Weeks.	Total under 1 Month.	1 to 2 Months.	2 to 3 Months.	3 to 4 Months.	4 to 5 Months.	5 to 6 Months.	6 to 7 Months.	7 to 8 Months.	8 to 9 Months.	9 to 10 Months.	10 to 11 Months.	11 to 12 Months.	Total Deaths under One Year.
All Causes																	
Certified .....	4	1		2	7	6	3	1	5	2	3	3	1	4	3	2	40
Uncertified.....					2												2
Whooping Cough .....									1				1			1	3
Diarrhoea, all forms.....						1							1		1		2
Premature Birth .....	1	1		2		1		1									3
Congenital Defects .....						1		1									2
Atrophy, Debility, Marasmus..	2		1	3	3					1	1						8
Tuberculous Meningitis .....													1			1	
Tuberculous Peritonitis, Tabes Mesenterica .....										1						1	
Other Tuberculous Diseases ..													1			1	
Syphilis .....						1										1	
Convulsions .....	1		1	2	1	1			1		1		1				6
Bronchitis .....									1				1			1	2
Pneumonia .....						1		3		1	2		1	2	1	1	11
Suffocation, overlaying.....					1											1	
<b>Totals.....</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>42</b>	

Births in the year: Legitimate, 232; illegitimate, 7. Deaths from all Causes at all Ages, 226.

Population, estimated to middle of 1905, 13,628.



## FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND HOMEWORK.

### 1.--Inspection.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of	
	Inspections.	Written Notices.
Factories (including Factory Laundries) ... ... ...	201	3
Workshops (including Workshop Laundries) ... ... ...	86	
Workplaces ... ... ... ...	30	5
Total ... ... ... ...	317	8

### 2.--Defects Found.

Particulars.	Number of Defects.	
	Found.	Remedied.
Want of cleanliness ... ... ... ...	5	5
,, ventilation ... ... ... ...	3	3
Sanitary accommodation insufficient ... ... ...	5	5
,, „ unsuitable or defective ... ... ...	21	21
Total ... ... ... ...	34	34

### 3.--Other Matters.

Class.	Number.
Failure to affix Abstract of Factory and Workshop Act (s. 133) ... ... ...	1
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s. 5) Notified by H.M. Inspectors ... Reports (of action taken) sent to H.M. Inspectors ...	2 2
Total number of Workshops on Register at the end of 1905 ... ...	14





# Annual Report of the Inspector of Nuisances.

January 29th, 1906.

To the Chairman and Members of the Health Committee.

GENTLEMEN,

I have the honour of presenting to you my First Report as your Sanitary Inspector.

During the past year, 33 houses have been re-drained, 1 inspection chamber built, 24 new W.C.s have been constructed in houses, 44 new W.C.s in mills, 19 new houses have been built, 64 houses disinfected, 124 rooms disinfected, 675 articles of clothing disinfected, 53,612 closets have been emptied, 3,640 loads of ashes removed, 64 drains cleansed, trapped, and ventilated, and 12 drains tested.

Since my appointment on November 1st, 30 houses have been inspected, 15 water samples taken, 3 drains tested, 73 inspections of Sewage Works, 17 inspections of slaughter-houses, 17 inspections of tripe shops, and 7 inspections of market.

## Disinfection.

All premises where fever has occurred are disinfected thoroughly, and the clothing taken to the Delépine Thresh Machine. The schools have been disinfected 270 times during the year, and from the small amount of children's complaints notified, it proves what an estimable system this is.

## Factory and Workshops Act.

Continual inspection is being made in all the mills, &c., more especially as regards fire escapes and sanitary arrangements. Defects are at once notified.

## Slaughter-Houses and Tripe Shops.

The condition of these is fairly satisfactory, the Co-operative slaughter-houses being in a most satisfactory condition.

## Contagious Diseases of Animals Act.

Since my appointment, no case of contagious disease has occurred.

## Sewerage.

The condition of the sewers is satisfactory. The Sewage Works are now undergoing alterations as regards the filtering medium, and the construction of the new bacterial filter bed at Black Rock will be proceeded with in due course.

Yours faithfully,

ROBERT H. BUCKLEY.

